

Title (en)
SCREENING APPARATUS

Title (de)
SIEBVORRICHTUNG

Title (fr)
APPAREIL DE CRIBLAGE

Publication
EP 3241619 B1 20211027 (EN)

Application
EP 16168337 A 20160504

Priority
EP 16168337 A 20160504

Abstract (en)
[origin: EP3241619A1] A screening apparatus (1) is disclosed. The screening apparatus (1) comprises a support (2); at least two screen decks (30) arranged one over the other as an assembly (3), each screen deck (30) including a screen frame (31), a screen (32) and a chamber underlaying the screen surface, an outlet duct (12) for oversized material and an outlet duct (13) for undersized material that is in communication with the chamber; mountings (4a, 4b) configured for mounting the assembly (3) of the at least two screen decks (30) to the support (2); and a feed unit (7) configured to feed the material to be screened to each screen deck (30); wherein the feed unit (7) is arranged on the support (2) and configured to be moved between a feed position and a maintenance position.

IPC 8 full level
B07B 13/16 (2006.01)

CPC (source: EP RU US)
B07B 1/36 (2013.01 - US); **B07B 1/40** (2013.01 - RU); **B07B 1/46** (2013.01 - RU); **B07B 13/16** (2013.01 - EP RU US);
B07B 2201/02 (2013.01 - EP US); **B07B 2201/04** (2013.01 - EP US)

Cited by
CN112090730A

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)
EP 3241619 A1 20171108; EP 3241619 B1 20211027; AU 2017259023 A1 20181220; AU 2017259023 B2 20220428;
BR 112018072685 A2 20190219; BR 112018072685 B1 20220510; CA 3022917 A1 20171109; CL 2018003115 A1 20181221;
CN 109311059 A 20190205; CN 109311059 B 20200925; ES 2904647 T3 20220405; MX 2018013470 A 20190708; PE 20190132 A1 20190118;
PL 3241619 T3 20220404; PT 3241619 T 20220128; RU 2018140790 A 20200604; RU 2018140790 A3 20200616; RU 2729664 C2 20200811;
UA 122717 C2 20201228; US 11072001 B2 20210727; US 2019118225 A1 20190425; WO 2017191181 A1 20171109;
ZA 201807740 B 20200527

DOCDB simple family (application)
EP 16168337 A 20160504; AU 2017259023 A 20170503; BR 112018072685 A 20170503; CA 3022917 A 20170503;
CL 2018003115 A 20181031; CN 201780027801 A 20170503; EP 2017060521 W 20170503; ES 16168337 T 20160504;
MX 2018013470 A 20170503; PE 2018002302 A 20170503; PL 16168337 T 20160504; PT 16168337 T 20160504; RU 2018140790 A 20170503;
UA A201811163 A 20170503; US 201716098588 A 20170503; ZA 201807740 A 20181116